

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-16. Cancelled.

17. (Previously Presented) A method of transmitting an emergency stop control information for interrupting a packet transmission on a common packet channel (CPCH) in a communication system, the method comprising:

transmitting a corresponding packet through an uplink (UL) CPCH allocated to a user equipment (UE);

inserting a predetermined bit pattern to a downlink (DL) dedicated physical channel (DPCH), and transmitting the same to the user equipment (UE);

comparing the transmitted predetermined bit pattern for correspondence to a command interruption of the packet transmission by the UE; and

interrupting the packet transmission through the CPCH by the UE upon confirmation of the comparison.

18-21. Cancelled.

22. (Previously Presented) The method of claim 17, wherein the DL DPCH includes a DL dedicated physical data channel (DPDCH) and a DL dedicated physical control channel (DPCCH), and the predetermined bit pattern is inserted in at least one of DPDCH and DPCCH.

23. (Previously Presented) The method of claim 22, wherein the predetermined pattern is inserted in at least one of:

- (a) DPDCH;
- (b) a TPC field of the DPCCH; and
- (c) pilot field of the DPCCH.

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Cont.
~~24.~~ (Previously Presented) A method of controlling a network resource during packet transmission by a user equipment (UE) to a network, the method comprising:

transmitting a predetermined bit pattern to the subscriber unit after inserting said predetermined bit pattern into a downlink (DL) dedicated physical channel (DPCH) by the network;

recognizing the predetermined bit pattern by the UE; and

at least one of controlling packet transmission through an allocated network resource and terminating packet transmission through the allocated network resource by the transmitting side.

25. (Previously Presented) The method of claim 24, wherein the predetermined bit pattern is inserted into an unused field in downlink dedicated physical data channel (DPDCH) of the DPCH during the packet transmission on an uplink common packet channel (CPCH).

26. (Previously Presented) The method of claim 24, wherein the predetermined bit pattern is indicative of an emergency stop of the packet transmission by the transmitting side due to an abnormal condition in a network.

As Cont. 27. (Previously Presented) An emergency stop procedure during transmission of data through CPCH by a UE to a UTRAN comprising:

generating a CPHY-CPCH-Estop-REQ primitive from a node B RRC to a Node B physical layer to generate a CPCH-Estop-Command;

transmitting the CPCH-Estop-Command from the node B physical layer to a UE physical layer;

transmitting a CPHY-CPCH-Estop-IND primitive from the UE physical layer to the UE-RRC based on the CPCH-Estop-Command;

transmitting a CPHY-CPCH-Estop-Resp primitive from the UE-RRC to the UE physical layer in response to the CPHY-CPCH-Estop-IND primitive; and

executing CPCH emergency stop in response to the CPHY-CPCH-Estop-Resp primitive.

28. (Previously Presented) The emergency stop procedure of claim 27, further comprising sending a PHY-Status-Ind primitive from the UE physical layer to a UE-MAC layer in response to the completion of the emergency stop.

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Cont.* 29. (Previously Presented) The emergency stop procedure of claim 27, further comprising sending a CPHY-CPCH-Estop-CNF primitive from the Node B physical layer to the Node B-RRC when Node B physical layer detects CPCH link loss.

~~30.~~ (Previously Presented) A frame for a dedicated physical channel, comprising:
a plurality of slots, each slot having a first prescribed number of bits for dedicated physical control channel (DPCCH) and a second prescribed number of bits for dedicated physical data channel (DPDCH), wherein

at least one of the DPCCH and DPDCH includes a prescribed pattern for indicating at least one of controlling and releasing a common packet channel (CPCH).

31. (Previously Presented) The frame of claim 30, wherein a release of the CPCH indicates an emergency stop of a packet transmission through the CPCH.

32. (Previously Presented) The frame of claim 30, wherein the prescribed pattern is inserted into one of:

the DPDCH for an emergency stop of a packet transmission through the CPCH;

a TPC field of the DPCCH for lowering a power of data transmission through the CPCH;

DPDCH and the TPC;

a pilot field of the DPCCH for the emergency stop of the packet transmission through the CPCH;

the TPC field of the DPCCH and the DPDCH, the DPDCH having a bit pattern perpendicular to the pilot field of the DPCCH; and

the TPC, the pilot field of the DPCCH and the DPDCH.

As Cont.
~~33.~~ (Previously Presented) A base station, comprising:

means for receiving packet transmission through a common packet channel CPCH;

means for detecting an abnormal condition in a network; and

means for transmitting a frame to release or control the CPCH in response to the abnormal condition.

34. (Previously Presented) The base station of claim 33, wherein the frame comprises a plurality of slots, each slot having a first prescribed number of bits for a dedicated physical control channel (DPCCH) and a second prescribed number of bits for a dedicated physical data channel (DPDCH), wherein at least one of the DPCCH and DPDCH includes a prescribed pattern for indicating at least one of controlling and releasing a CPCH.

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concl.* 35. (Previously Presented) The base station of claim 33, wherein a release of the CPCH indicates an emergency stop of data transmission through the CPCH.

~~36.~~ (Previously Presented) A user equipment (UE) comprising:
means for transmitting data through a common packet channel (CPCH);
means for receiving a frame indicative of control of the data transmission or release of the CPCH, wherein the frame comprises a plurality of slots, each slot having a first prescribed number of bits for a dedicated physical control channel (DPCCH) and a second prescribed number of bits for a dedicated physical DPDCH, wherein at least one of the DPCCH and DPDCH includes a prescribed pattern for indicating at least one of controlling of data transmission and releasing the CPCH by the UE.

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concl.* 37. (New) The method of claim 17, wherein the predetermined bit pattern represents emergency stop control information on a DPCCH of the DPCH.

38. (New) The method of claim 17, wherein the DPCH includes DPCCH, and the DPCCH includes a control command field for emergency stop.

39. (New) The method of claim 17, wherein the predetermined bit pattern is [1111].

40. (New) The method of claim 39, wherein the predetermined bit pattern is provided in a pilot field of a DPCCH of the DPCH.

41. (New) The method of claim 39, wherein a power control bit notifying a power lowering command is transmitted in a TPC field of a DL DPCCH with the predetermined bit pattern.

42. (New) A method for emergency stop of a packet transmission on a common packet channel (CPCH) in a communication system, the method comprising:

transmitting a corresponding packet through an uplink (UL) CPCH allocated to a user equipment (UE);

inserting a predetermined bit pattern of [1111] to a downlink (DL) dedicated physical control channel (DPCCH), and transmitting the same to the user equipment (UE);

detecting the transmitted predetermined bit pattern of [1111] for correspondence to a command interruption of the packet transmission by the UE; and

interrupting the packet transmission through the CPCH by the UE upon detection.

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43. (New) The method of claim 42, wherein a power control bit notifying a power lowering command is transmitted in a TPC field of a DL DPCCH with the predetermined bit pattern of [1111].
